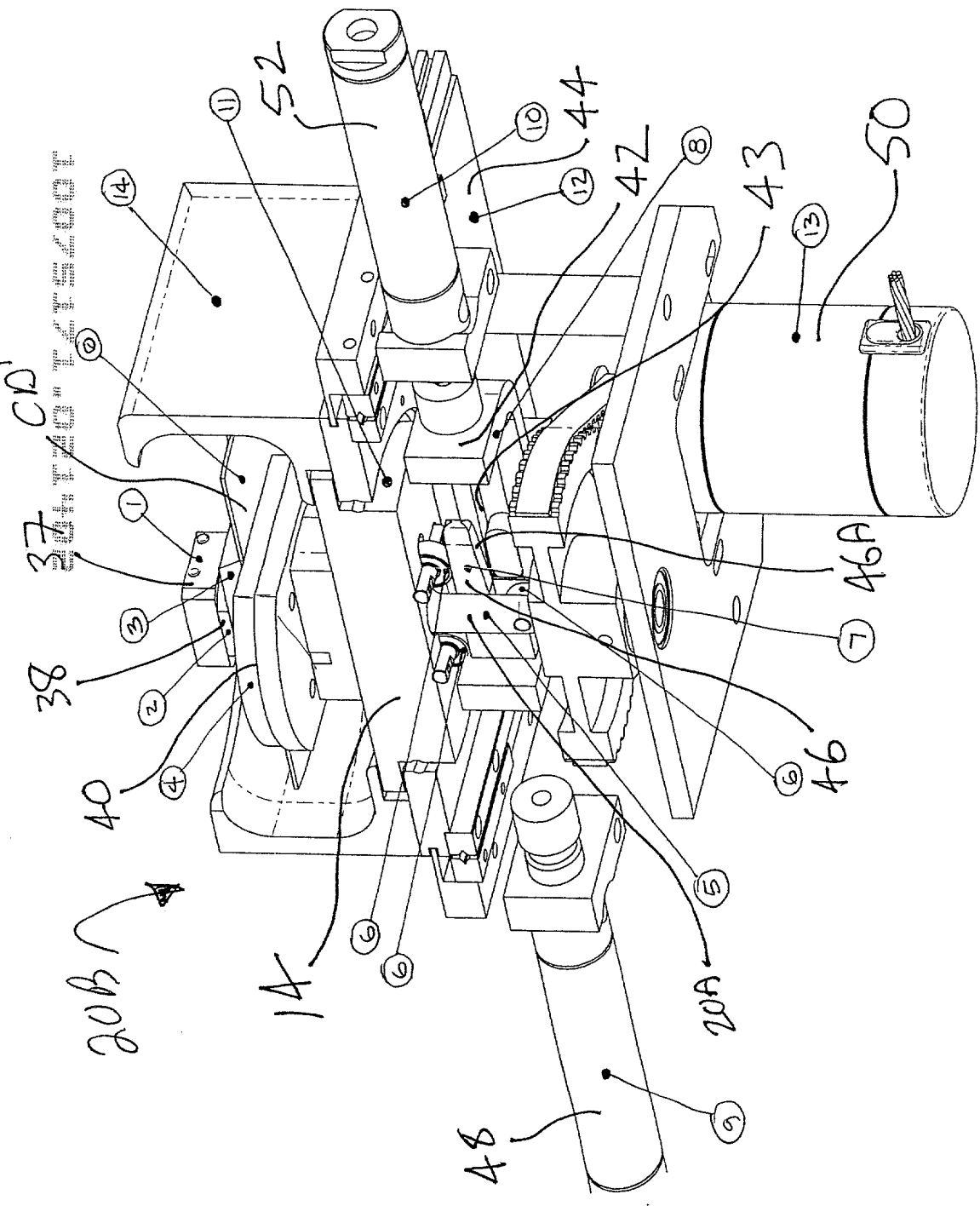




- ⑩ CD TO BE PROFILED
- ① CLAMP CAP
- ② ELASTOMER SPRING
- ③ CLAMP
- ④ TEMPLATE
- ⑤ CLAMP POST
- ⑥ BALL BEARING (3)
- ⑦ DRIFT
- ⑧ DRIFT SHUTTLE
- ⑨ DRIFT CYLINDER (CLAMP)
- ⑩ DRIFT CYLINDER (UN-CLAMP)
- ⑪ TURNABLE
- ⑫ SLIDE TABLE
- ⑬ TURNABLE MOTOR
- ⑭ DEBRIS REMOVAL SHROU



1A



FIG. 3 is a perspective view of the device in a closed position.

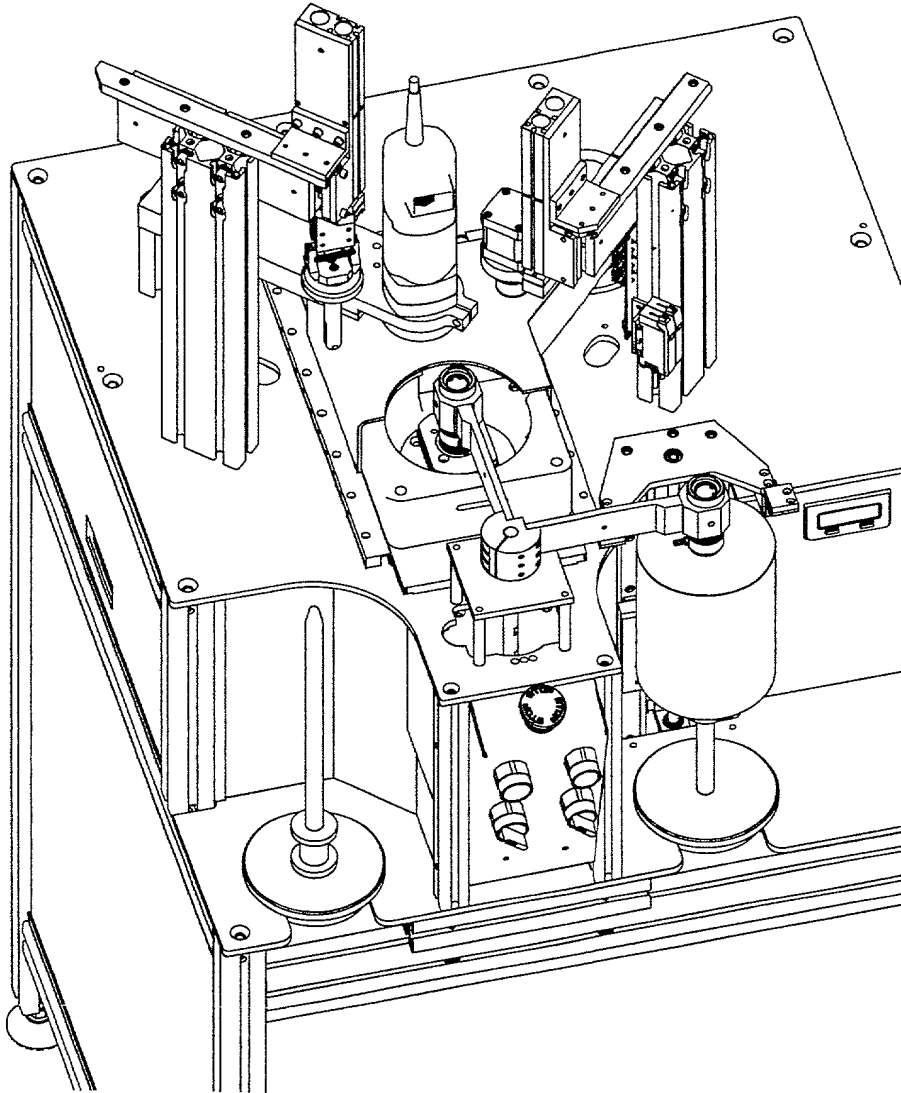


Fig 3

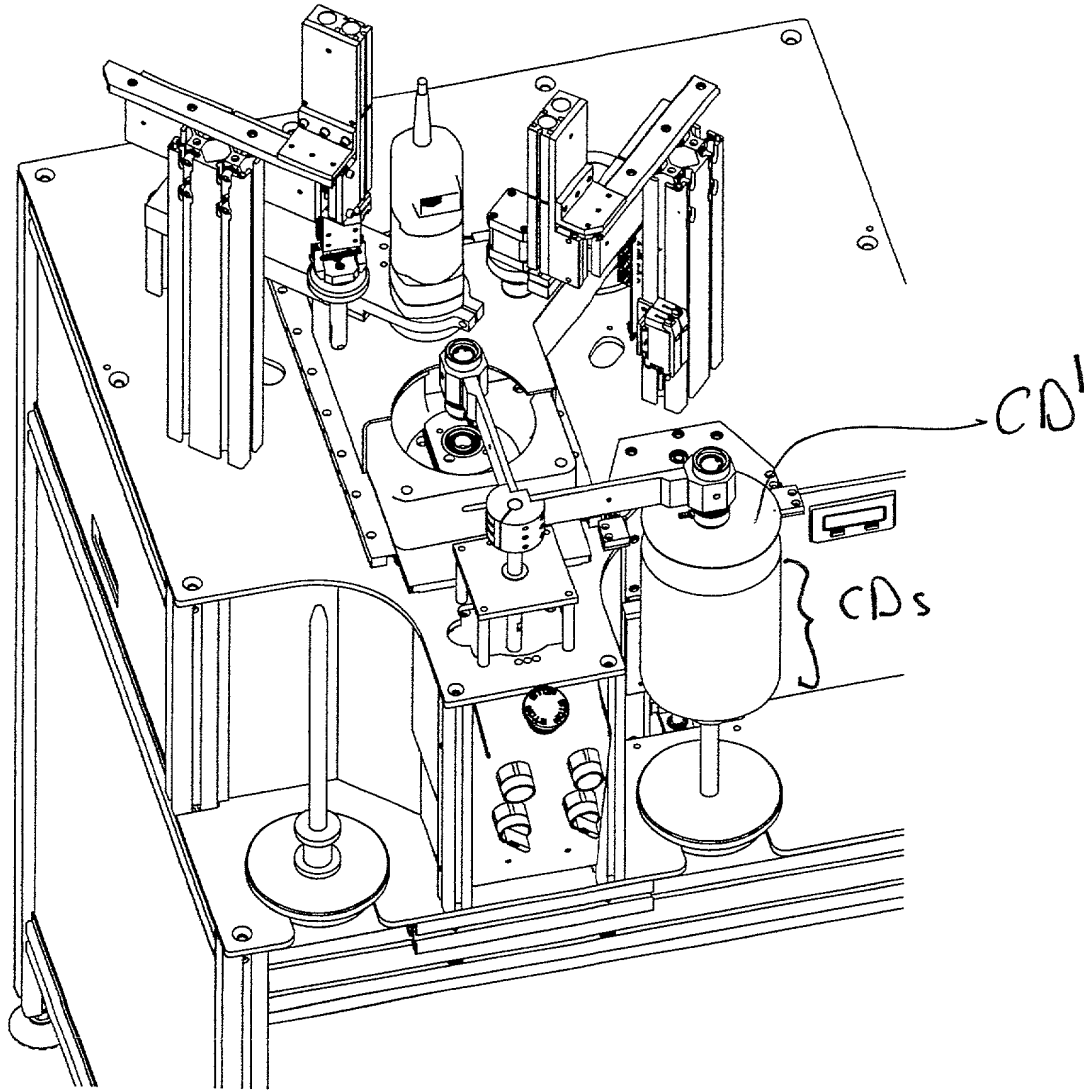


Fig. 4

FIG. 5 is a perspective view of the device in a closed position.

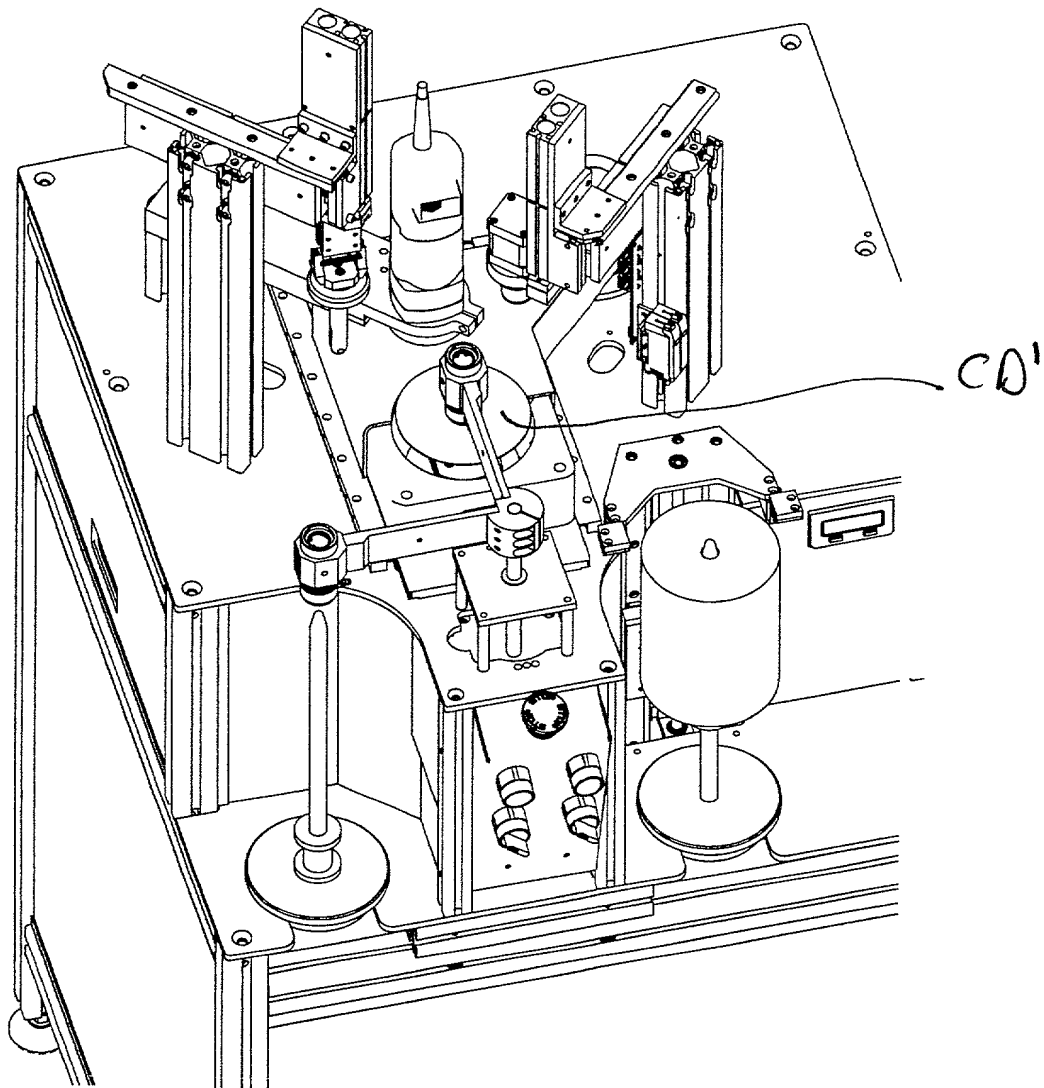


Fig. 5

FIG. 6

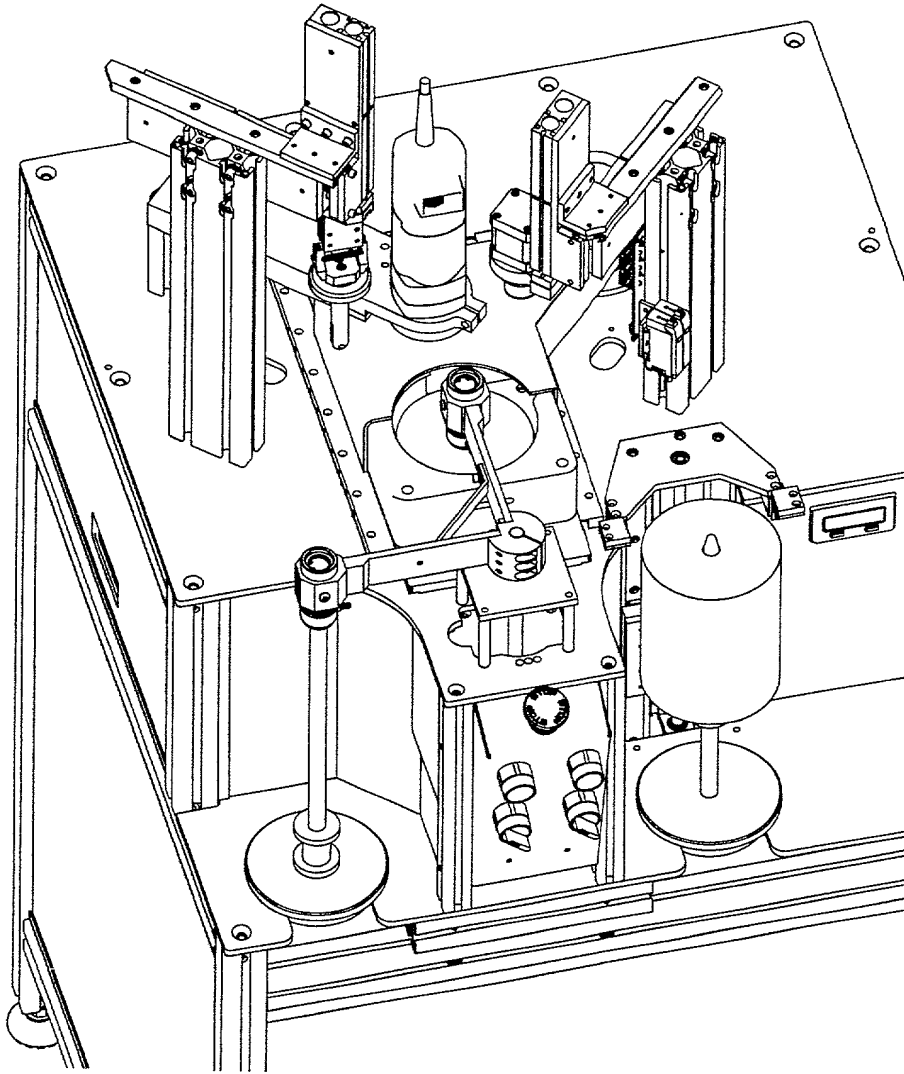


Fig. 6

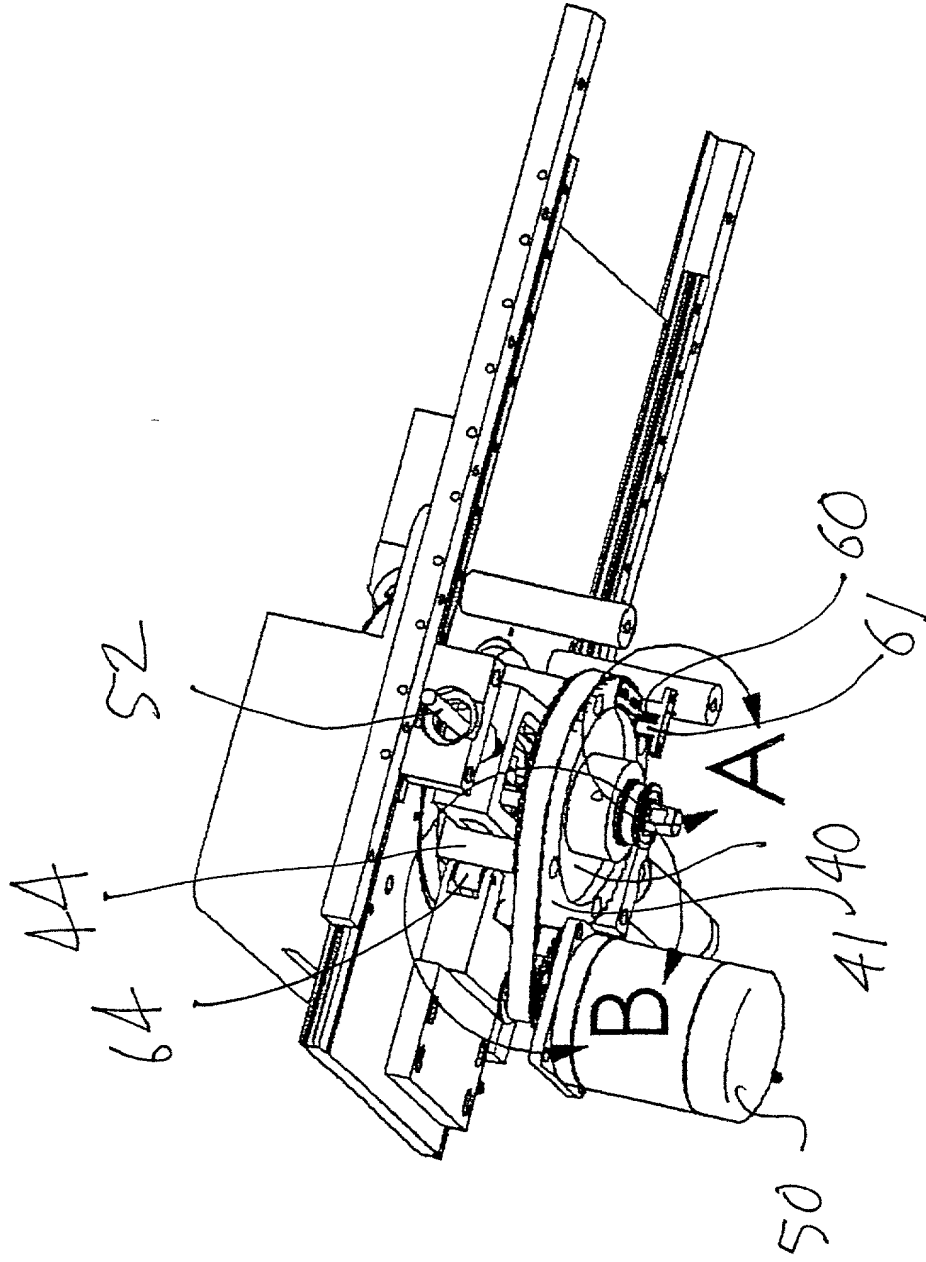
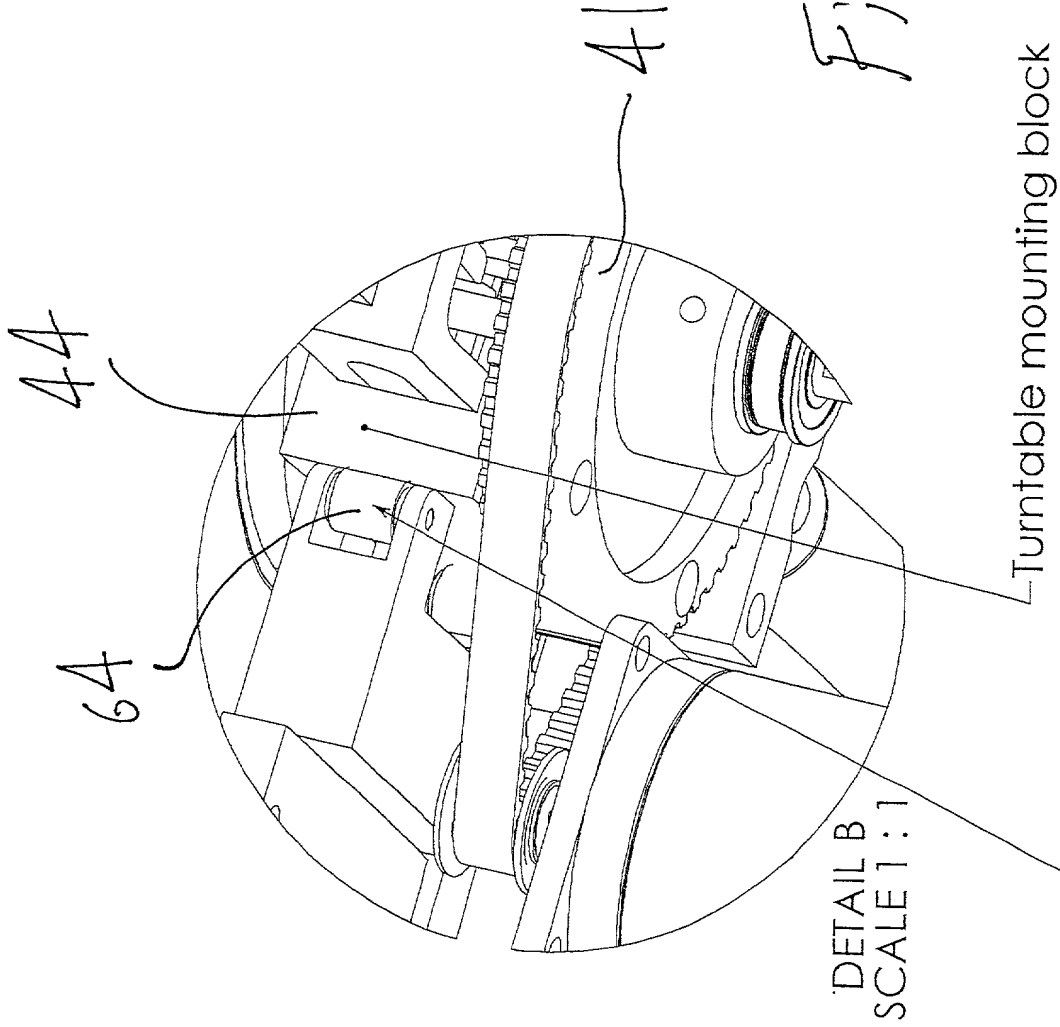


Fig 7A

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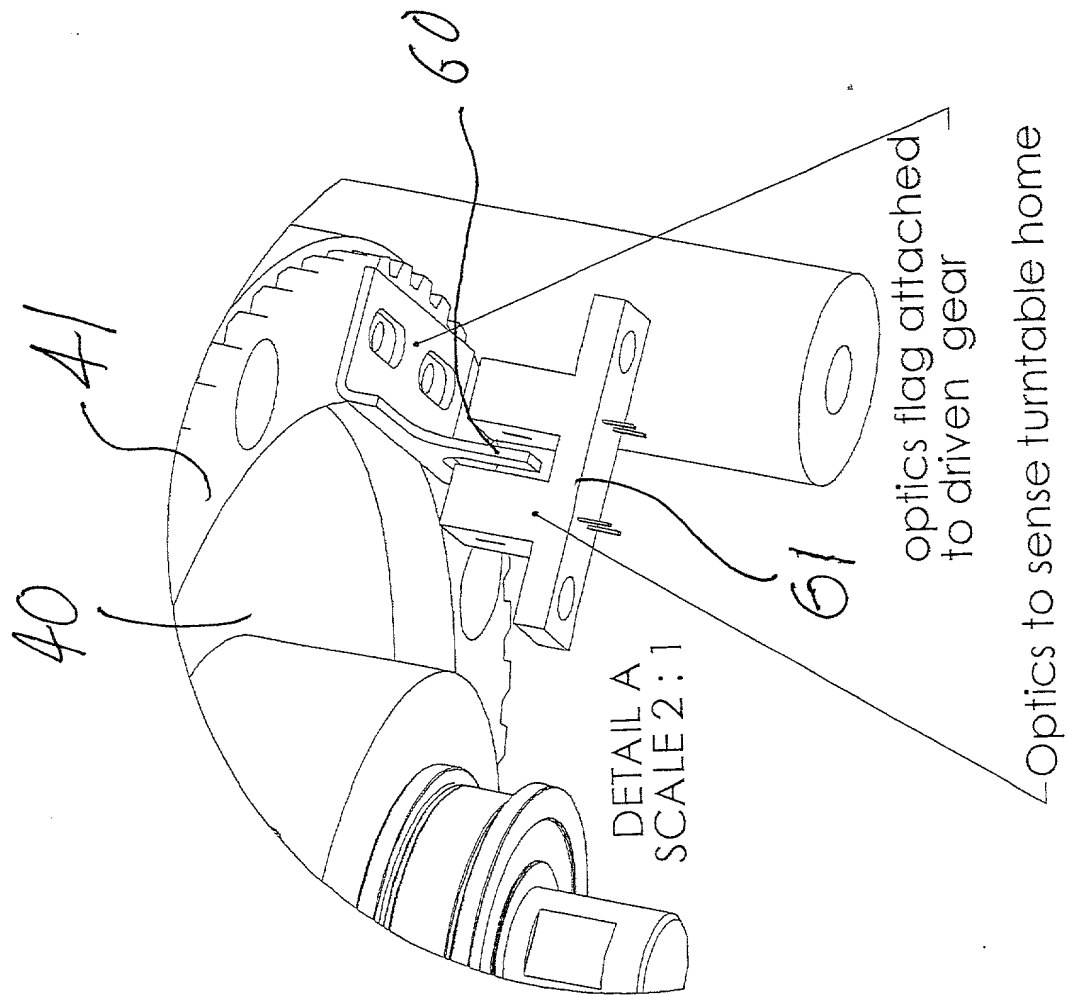


Fig. 7C

FIG. 7 is a perspective view of the mechanical assembly of the device, showing the internal components and the housing. The assembly includes a motor, a gear train, and a cam mechanism, all mounted on a base plate. The motor is connected to a gear train that drives a cam, which in turn operates a valve. The housing is made of a material that is resistant to corrosion and is designed to protect the internal components from the environment. The device is intended for use in a marine environment, where it will be subjected to salt water and other corrosive agents. The design of the device is intended to be simple and reliable, with no moving parts that are subject to wear and tear. The device is also designed to be easy to install and maintain, with all components accessible from the top of the housing. The device is a key component of the overall system, and its proper operation is essential for the system to function correctly.

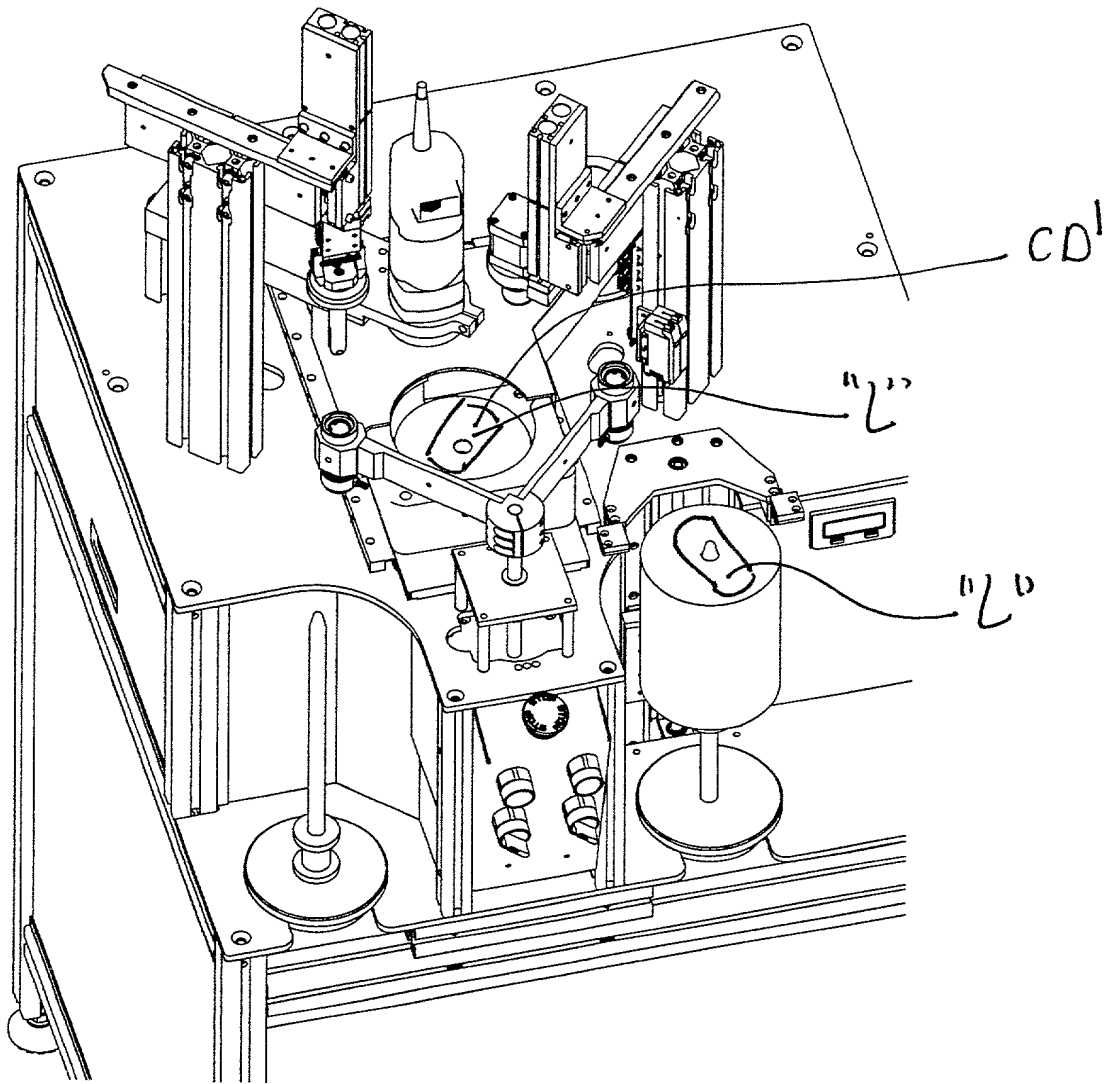


Fig. 7

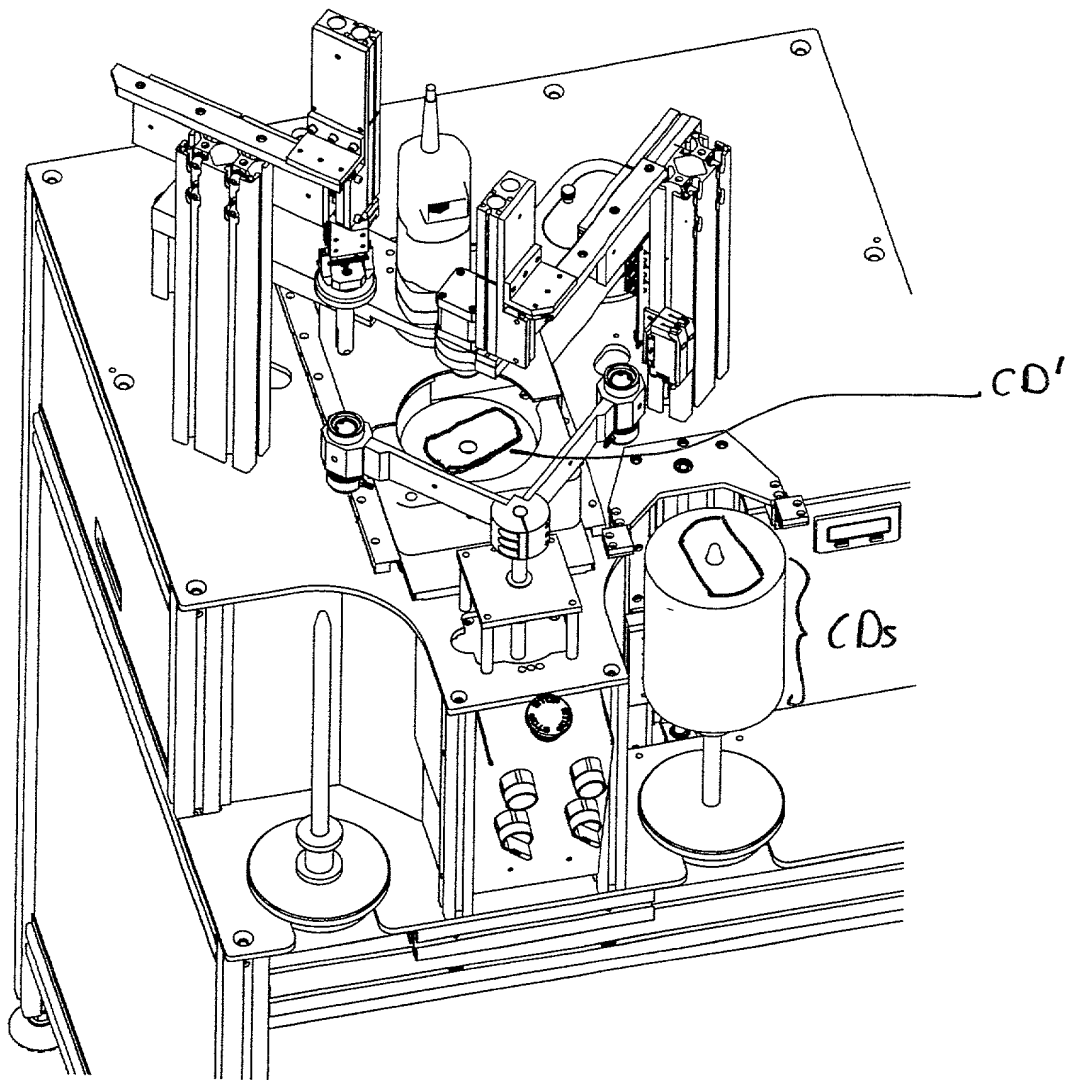
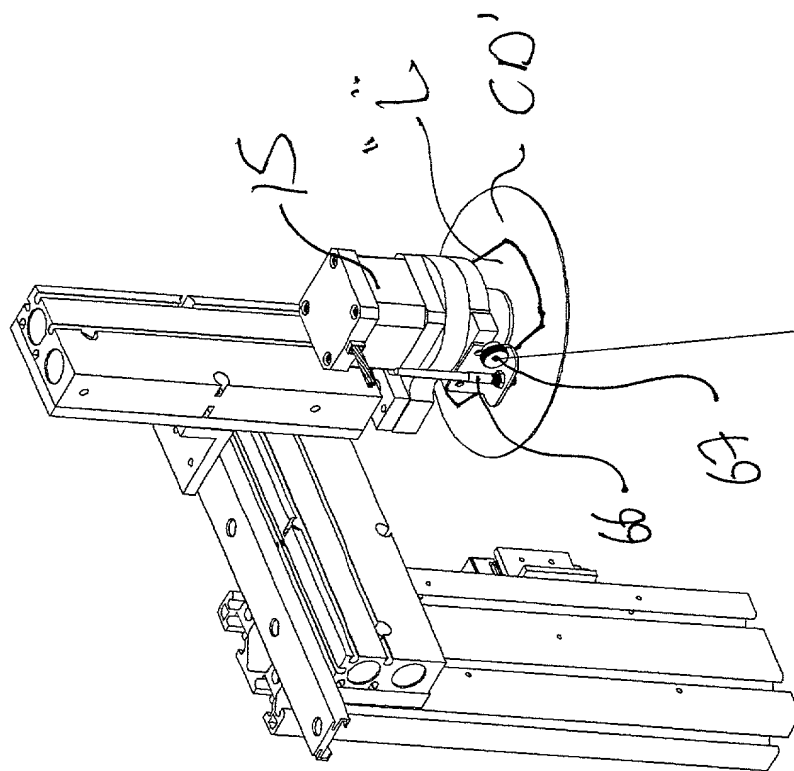


Fig 8



Thumb Screw for radial adjustment. Loosen screw, rotate sensor clamp to fine tune cutting path.

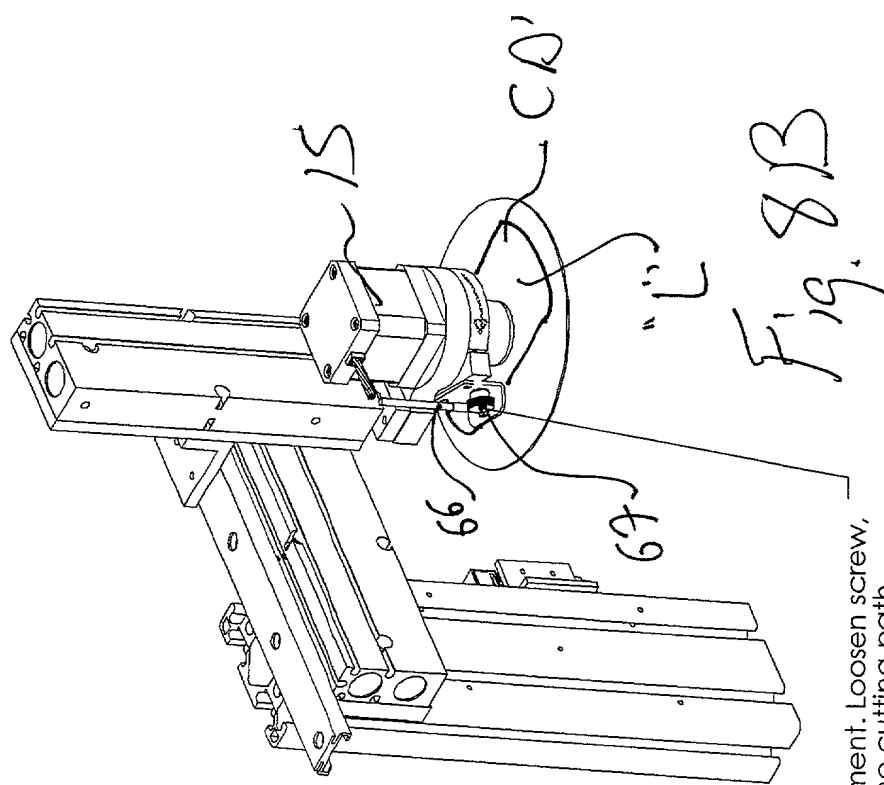




FIG. 10

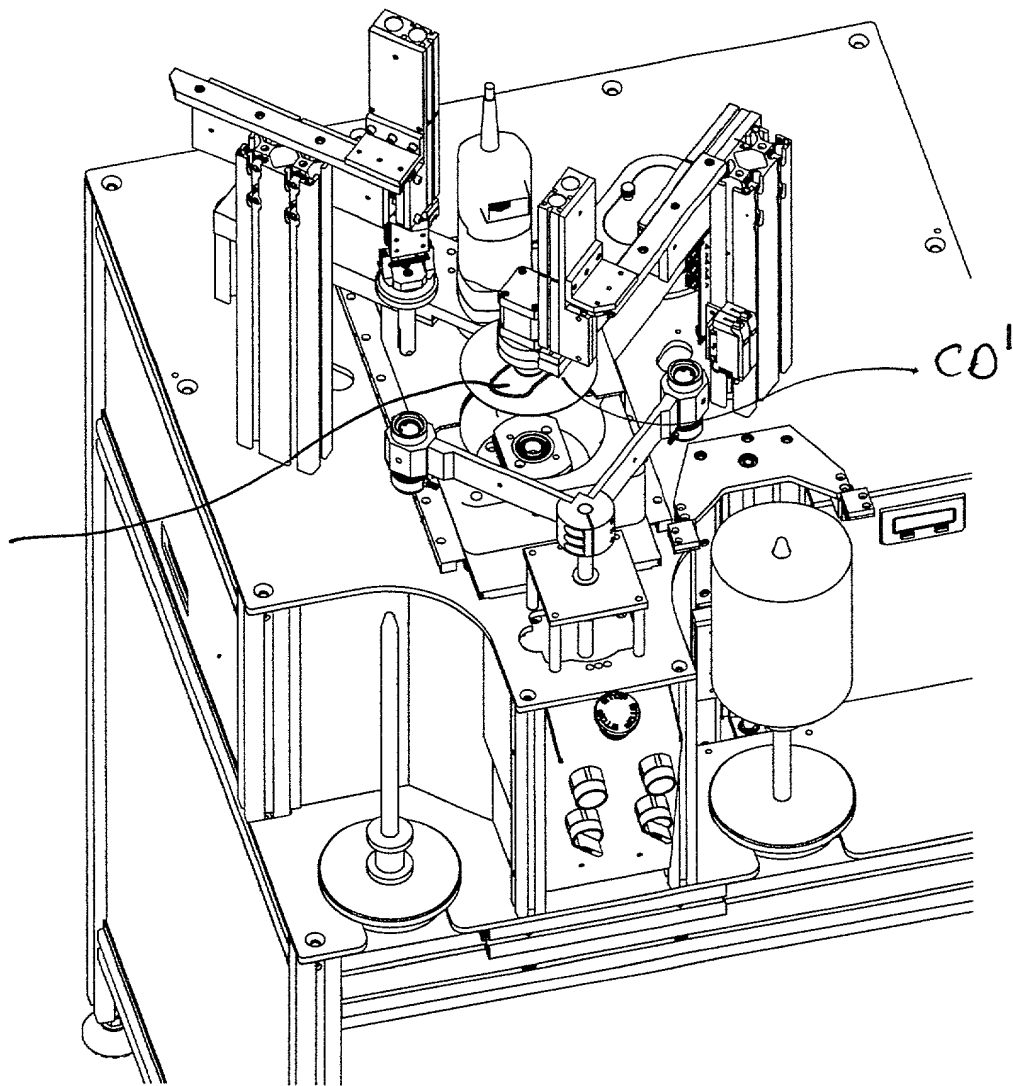


Fig. 10

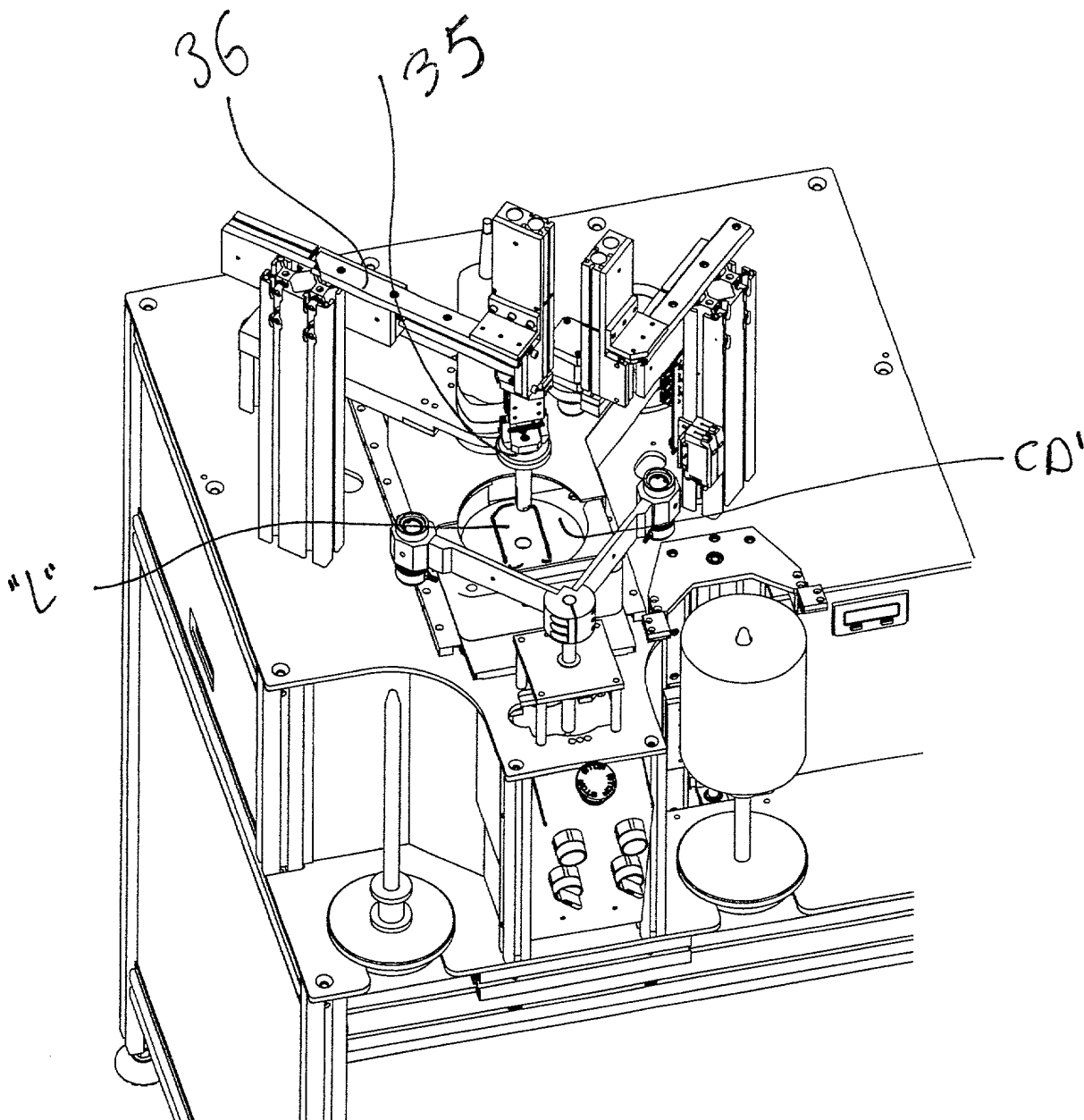


Fig. 11



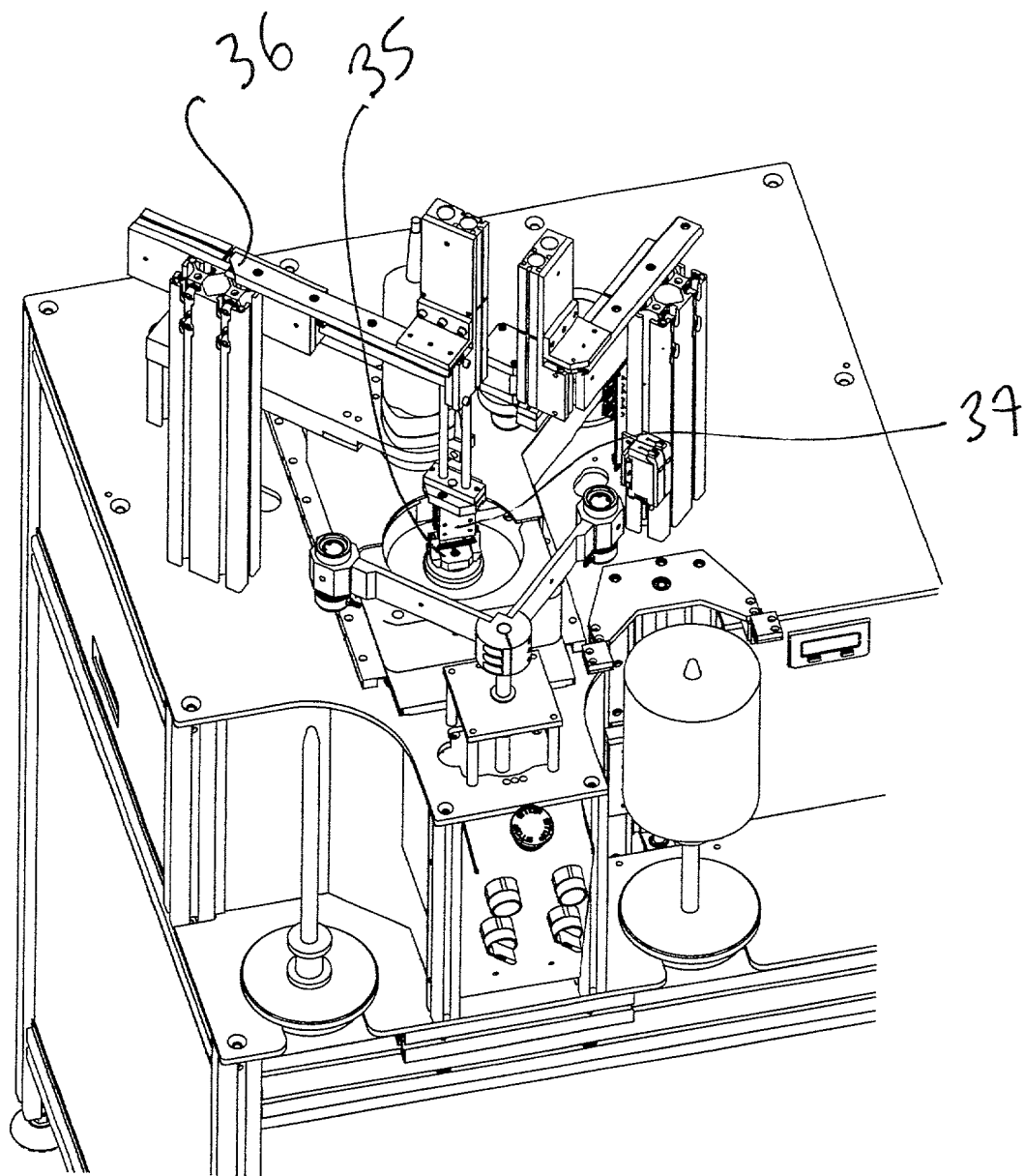


Fig. 12

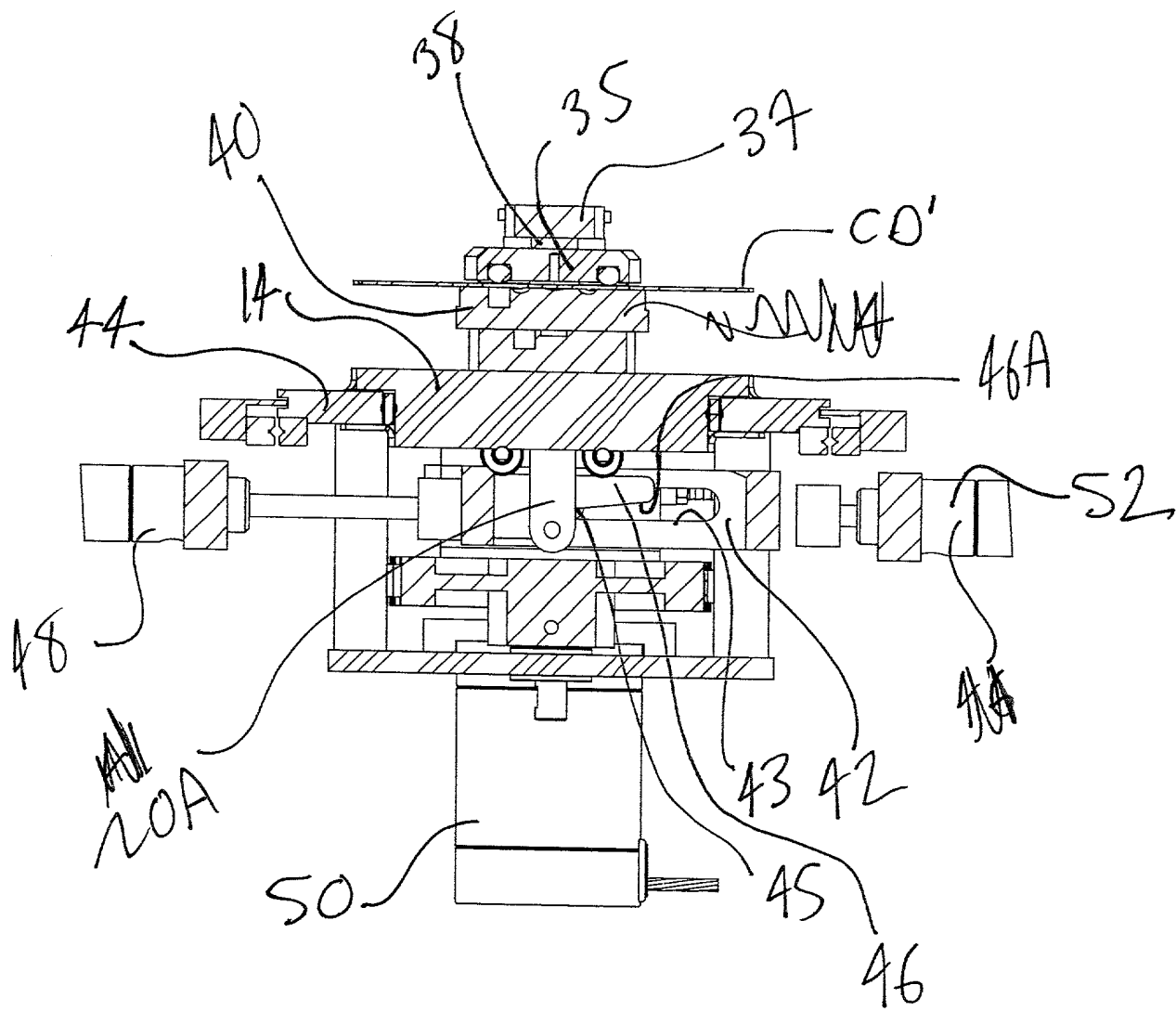


Fig. 12A

FIG. 13

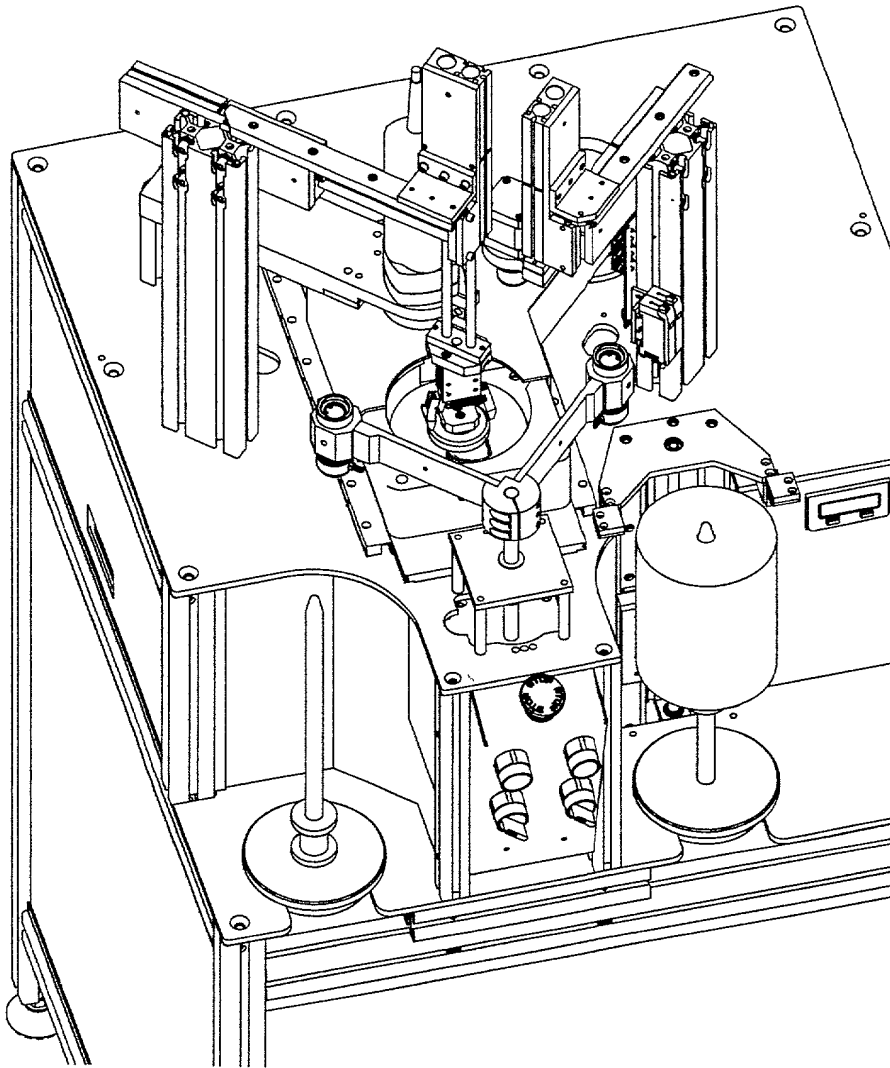


Fig. 13

FIG. 14

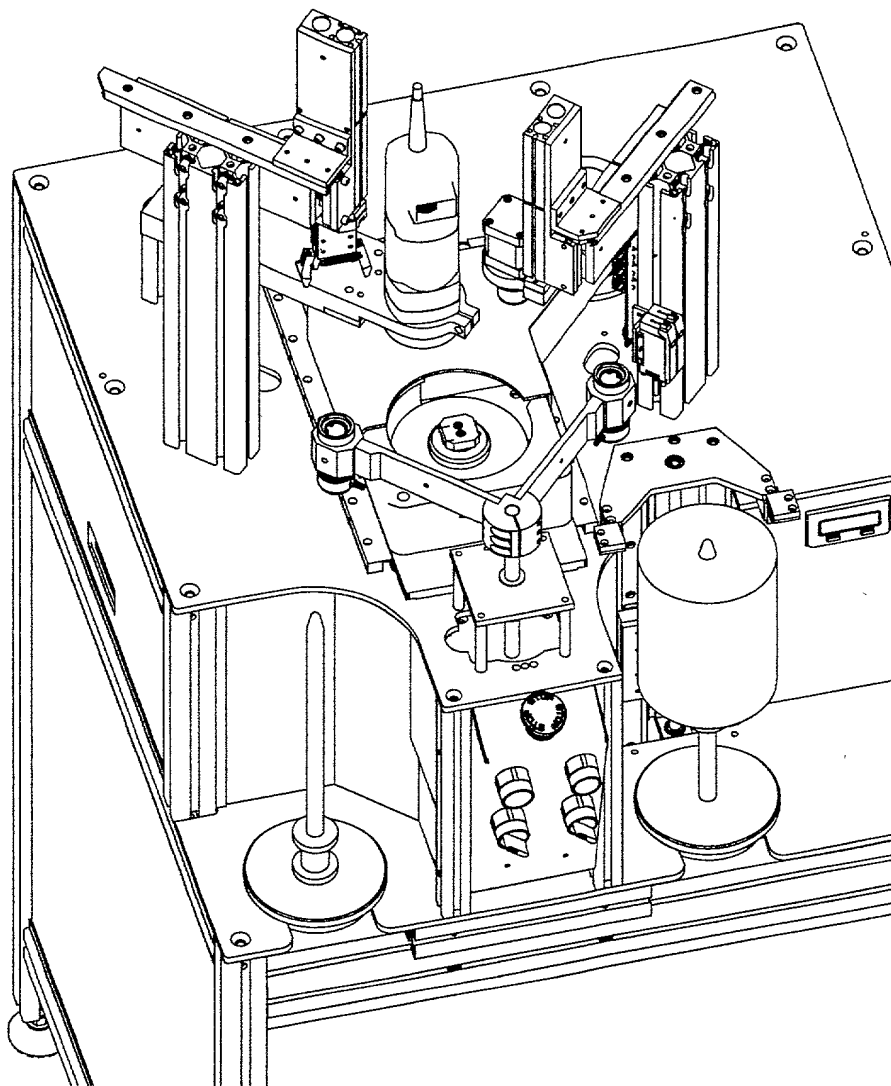


Fig. 14

Fig. 15

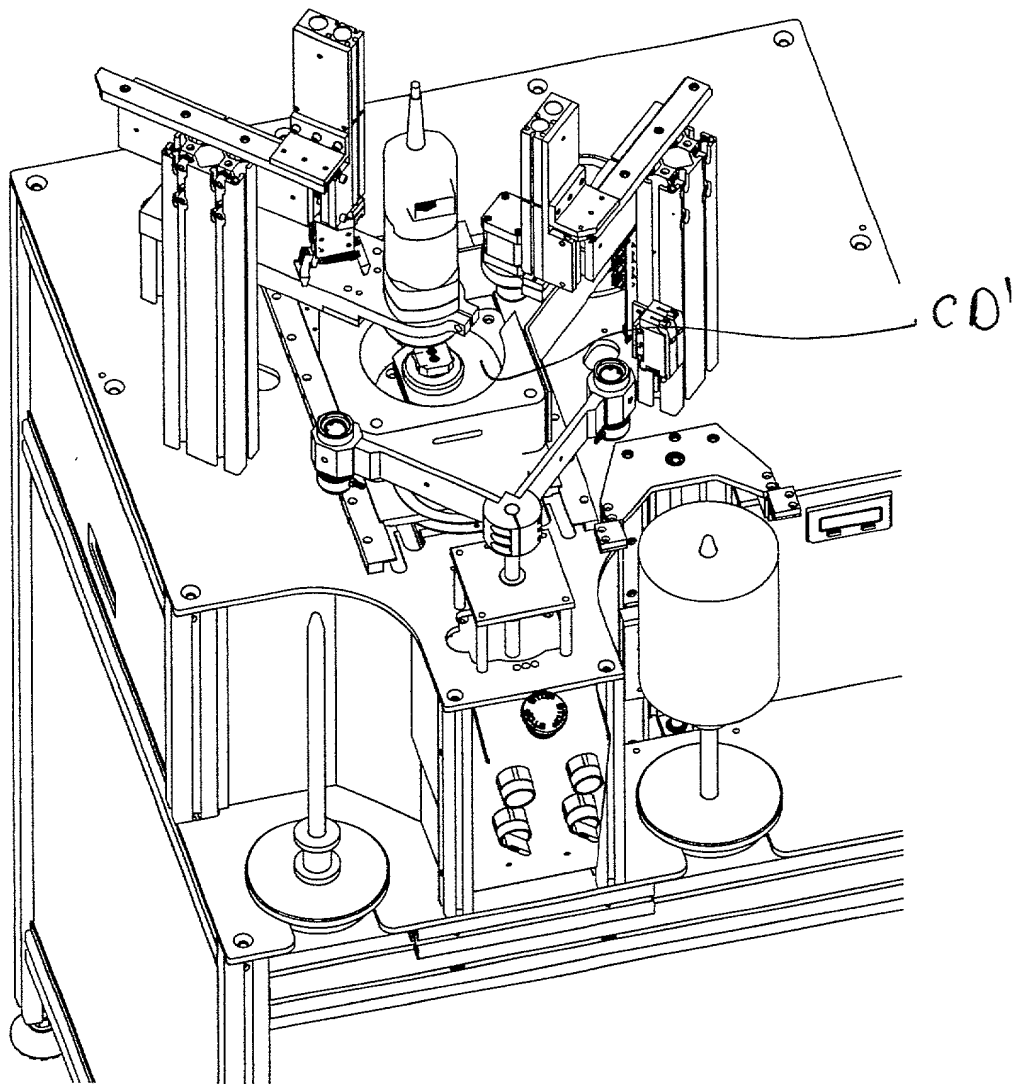


Fig. 15

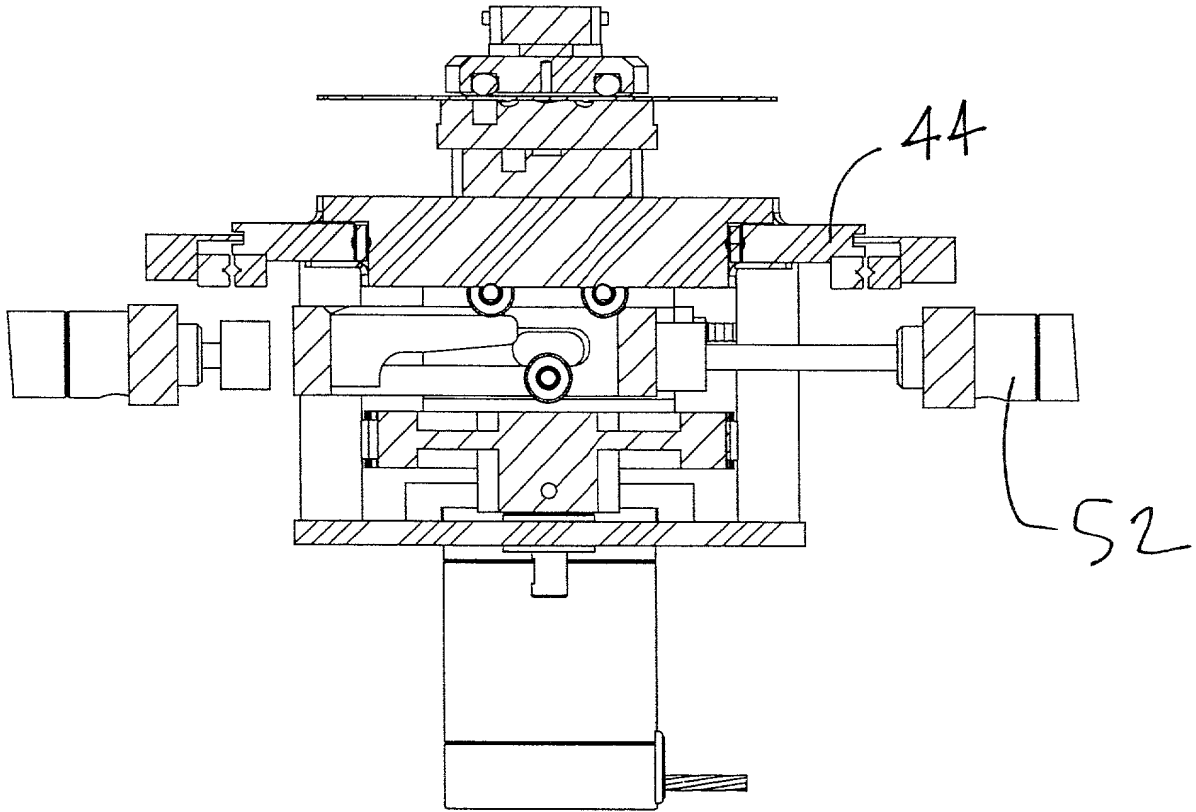


Fig. 15A

ref. 15.A

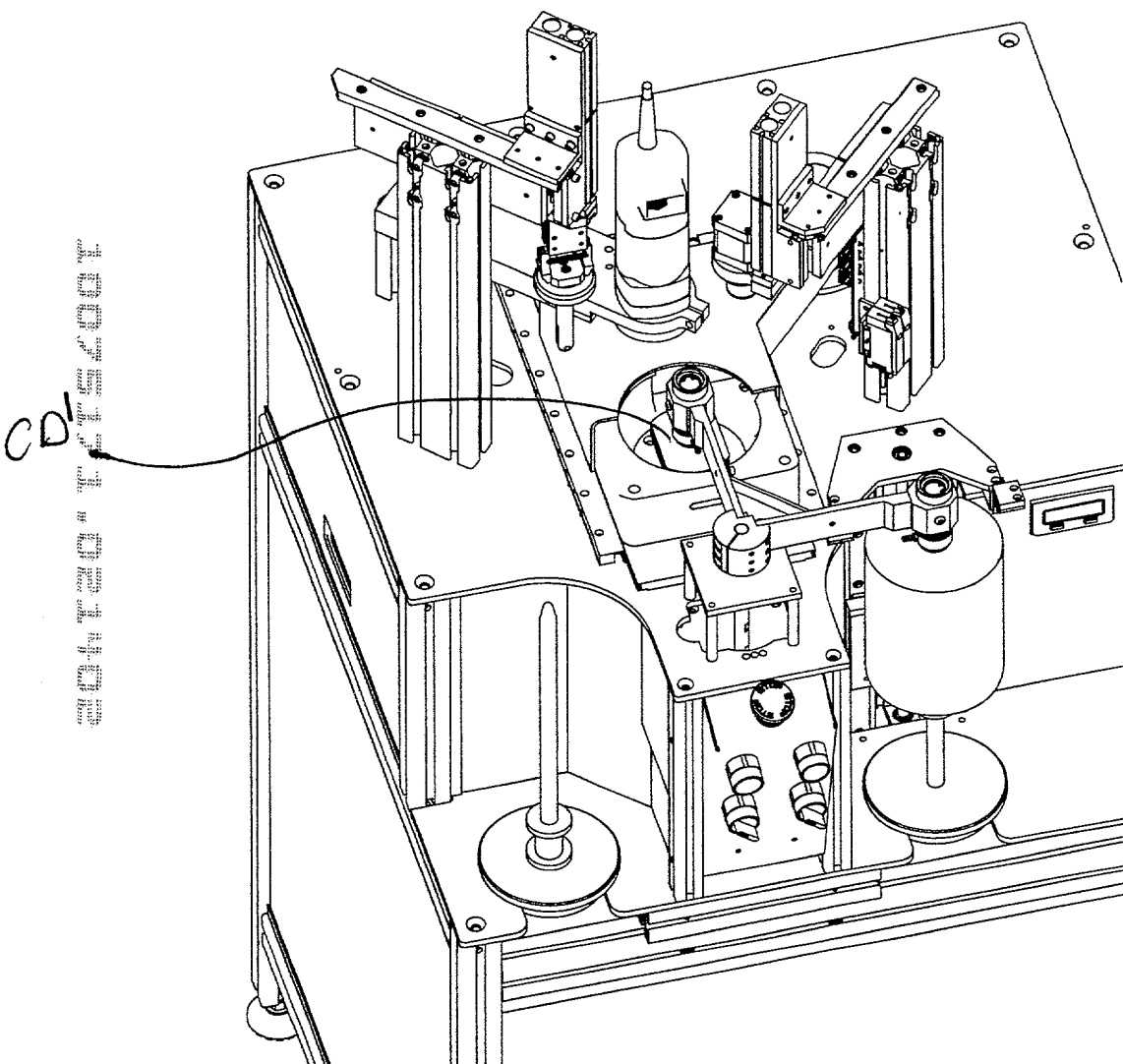


Fig. 16





FIG. 18

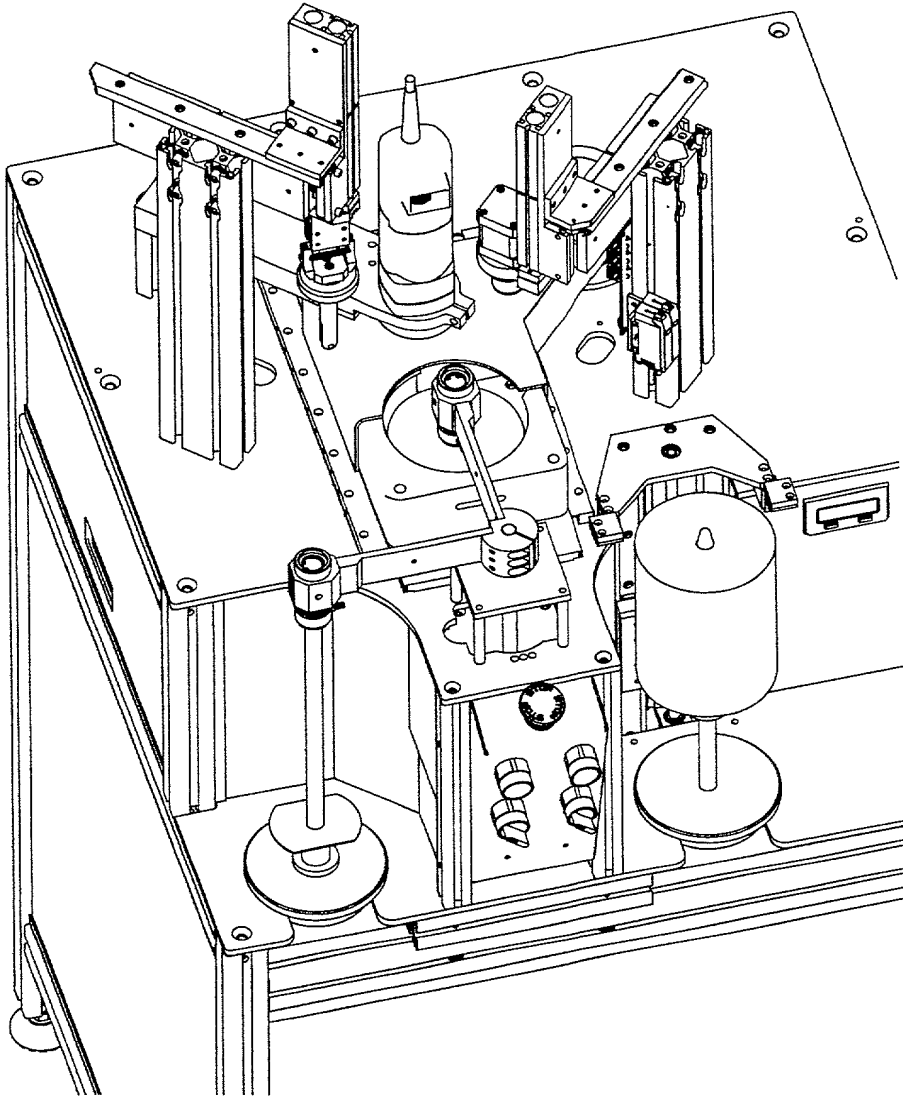


Fig. 18

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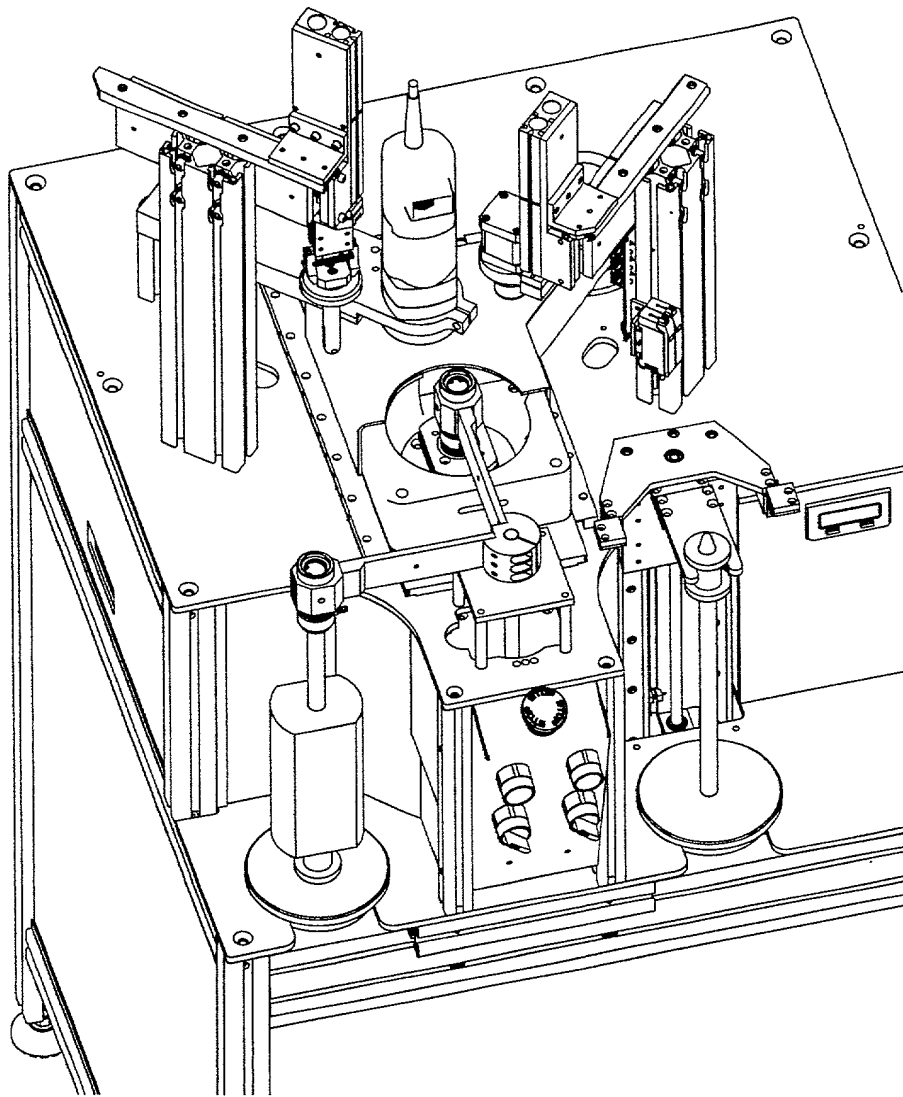


Fig. 19